

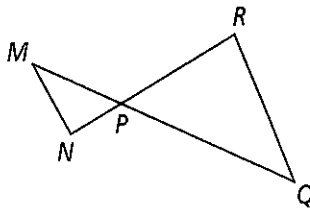
Name: _____ Date: _____ Per. _____

Homework 5.5: Similar Triangle Proofs

Choose TWO and complete the proofs on the back.

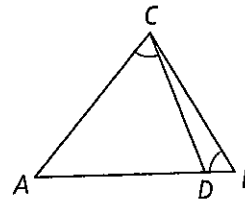
14. Given: $PR = 2NP$,
Proof $PQ = 2MP$

Prove: $\triangle MNP \sim \triangle QRP$

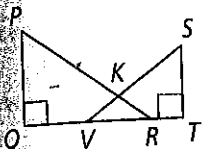


See Prob

13. Given: $\angle ABC \cong \angle ACD$
Proof Prove: $\triangle ABC \sim \triangle ACD$



27. Given: $\overline{PQ} \perp \overline{QT}$, $\overline{ST} \perp \overline{TQ}$, $\frac{PQ}{ST} = \frac{QR}{TV}$
Proof Prove: $\triangle VKR$ is isosceles.



28. Given: $\overline{AB} \parallel \overline{CD}$, $\overline{BC} \parallel \overline{DG}$
Proof Prove: $AB \cdot CG = CD \cdot AC$

